Work Orde		254					.2	Page	1				
Item ID: Revision ID: Item Name:	D4027-3 Hose Clamp	VO .		Accept	*N900	<b>040</b>	100	)*	Setup	Start Stop	1.71	S1* S2*	******
Start Date: Required Date: Reference:	4/22/13 : 5/01/13	Start Qty: 200 Req'd Qty: 200	*2*		Cust Item I Customer:	D:					I	.J/	
Approvals:		i: <u>ผ</u> ∟ゴ	Date: <u>13-04-24</u>			ate:			Run	Start Stop	*N *N	R1* R2*	
Sequence ID/ Work Center II		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accep Qty	t Re		Reject Number	Insp. Stamp	<del></del> ,
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110		Receive & Inspect for Da	mage & Mat'l Certs	0.00									
Packaging		Memo		0.00					7	3/5/	/2	(10)	•

Packaging

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•		•								DQA:	Date	:		
NCR: Ye	s / No				WORK ORDER NON-C	CON	VFORM	MANCE / UPDATE		QA Closed:	Date	<b>~</b>		
•												·		
Vork Order	:				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	<del></del>				Rework	1		Skid-tube Crosstube			Water Jet	Engineering		
Part No	o				Scrap	]		Machining Small Fab	$\boldsymbol{\vdash}$		d. Eng. Coor.	Quality		
NCR No	). 				Use-as-is Work Order Update			noforming Finishing Large Fab Composite	-	Rec/Stor	re/Packaging Supplier	Other		
Root				Descri	ption of work order update	l i	nitial	Action		Sign &				
Cause	Date	Step	Qty	(	or Non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector		
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_	Bending			_	Bend		Grain		$\blacksquare$	Ovalized	<u> </u>	Pressure/Forced		
	Centre N	lot Conce	ntric to	o/s	BOM/Route	Ш	Hardwa		Ш	Over/Under	<del>-</del>	Temperature/Cure		
	Cracks				Broken/Damaged	Ш		ion Incomplete	Щ	Part Incorred	<b></b>	Weld		
		/Crimped		ļ	Burrs		ł	tions Incomplete/Unclear	-	Part Lost/Mi	ssing	Wrong Stock Pulled		
	Cuffs Contamination					_	Mainte		$\mathbf{H}$	Part Moved				
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_	Inspection Strip in Tube Cut Too Short						Misread	d		Power Loss/	Surge	Other		
	Ripples in Bend Drill Holes						Offset							
L		Waves in		ո <u> </u> _	Drawing	Ŀ	Out of Calibration					,		
	Turning	Sequence	<u> </u>	L	Finish	$\perp$	Out of Sequence							
į.	Wave/Tv	wist in Tu	be		Folio		Outside	Dimensions						

Work Ord April-22-13 12		00254		*100			Page 2				
Item ID: Revision ID:	D4027-3			Accept	*N900	<u>040</u>	100	<b>)*</b> s	Setup Sta	IV	S1*
Item Name: Start Date: Required Date Reference:	Hose Clamp 4/22/13 :: 5/01/13	Start Qty: 2.00 Req'd Qty: 2.00	*2* *2*		Cust Item   Customer:	ID:					S2*
Approvals:		an:				ate:		F	Run Sta Sto	1/1	R1* R2*
Sequence ID/ Work Center I 120 *120 *120 QC Quality Control	ID	Operation Description QC6- Inspect dimensions Memo	s to drawing	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*130 *130* Packaging Packaging		Identify as per dwg & Sto	ock Location:	0.00				<u>/6v</u>	e je		13-5-
140 *140* QC Quality Control		QC21- Final Inspection -	- Work Order Release	0.00					13,	15/8	

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ns.										DQA:	Date:	
NCR: Y	es / No	)			WORK ORDER NON-C	CON	FORM	MANCE / UPDATE		•		٥,
•										QA Closed:	Date:	
	.4.				DISPOSITION							
Work Orde	er:				Rework	1 <b> </b>		Skid-tube Crosstube		İ	Water Jet	Engineering
Part N	١٥				Scrap	1		Machining Small Fab	_	Proc	d. Eng. Coor.	Quality
, are i				<del></del>	Use-as-is	1		noforming Finishing		4	e/Packaging	Other
NCR N	۱o.				Work Order Update	1 ]		Large Fab Composite	_		Supplier	
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Cause	Date	Step	Qty		or Non-conformance	Chi	ef Eng	Description		Date	Verification	QC Inspector
Doc/Data						Ì						
Equip/Tooling			1									
Operator												
Material												
Setup												
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Unapproved			ļ	l	<del></del>	İ				L	: <del> </del>	
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Landi	ng Gear			<del>-</del>	General			г		1		lo (5
	Bendin	_		<u> </u>	Bend	-	Grain	<b>}</b>		Ovalized		Pressure/Forced
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	Cuffs			<u> </u>	Contamination	$\vdash$	Mainte	F		Part Moved		
	Heat T	reat			Countersink	1	Mislabe	led		Positioned W	/rong	_

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Cut Too Short Drill Holes

Drawing

Finish

Folio

Power Loss/Surge

Other

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

**Picklist Print** 

April-22-13 12:52:01 PM

Work Order ID:

100254

Parent Item:

D4027-3

Parent Item Name:

Hose Clamp

**Start Date:** 4/22/13

Required Date: 5/01/13

Start Qty: 2.00

Required Qty: 2.00

**Comments:** 

IPP rev A 09.12.23 new Issue Prelim EC verified by: DD

IPP Rev:B 10.05.17 as per ECN10-

562 DD verf EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
200-36S		Purchased	No			110	Each	0.0000	1	X	10	···	
Hose Clamp									<del></del>		***		

Page 1

-											DQA	: Dat	e:
NCR:	Yes ,	/ No				WORK ORDER NON-C	100	NFORM	MANCE / UP	DATE	QA Closed	 : Dat	9.
			· · · · · · · · ·			DISPOSITION				/PROCESS			
Work Ord	ler: _									7	Water Jet	Engineering	
Part No.					· · · · · · · · · · · · · · · · · · ·	Rework Scrap Use-as-is		Machining Small Fab Thermoforming Finishing			-	od. Eng. Coor. ore/Packaging	Quality Other
NCR	No					Work Order Update	1		Large Fab	Composite	_	Supplier	
Root					Descri	ption of work order update		nitial	Act	tion	Sign &		
Cause		Date	Step	Qty	(	or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data	Ш						1				İ		
Equip/Tooling			!									ĺ	
Operator	Ш	`											
Material	Ш												
Setup	Н												
Other	Н											1	
Process	Ш												
Supplier	H												
Training	Н				}								
Unapproved				<u>i</u>	<b>!</b>			TCATE	CORY			<u> </u>	
						<del></del>	AUL	T CATE	GURY				
Land	ling Ge					General Bend		Grain		Г	Ovalized	Г	Pressure/Forced
	-	Sending Centre No	t Canaa		~  -	BOM/Route	$\vdash$	Hardwa	uro.		Over/Unde	r tolerance	Temperature/Cure
	$\vdash$		it Concei	ntric to	<sup>0/3</sup> ⊢	Broken/Damaged	-	ł	ion Incomplete	F	Part Incorre	<u> </u>	Weld
	-	Cracks	rimnod		-	Burrs	$\vdash$	-	ions Incomplete/	Unclear	Part Lost/M	<b>⊢</b>	Wrong Stock Pulled
i	$\vdash$	Crushed/( Cuffs	Limped		-	Contamination	<u> </u>	Mainte		- Inclear	Part Moved	· ·	
	H	.uns Ieat Trea	•		-	Countersink	$\vdash$	Mislabe		F	Positioned		
		nspection		Tubo	<u> </u>	Cut Too Short	-	Misread		<u> </u>	Power Loss		Other
	-	rispection Ripples in		iube	 	Drill Holes	-	Offset	4	L		, ou. gc	Totalei
		uhhies iu	benu		<u> </u>	לאווו נוסובי		Jourser					· · · · · · · · · · · · · · · · · · ·

Out of Calibration

Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

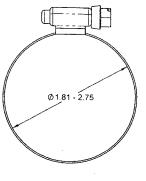
Finish

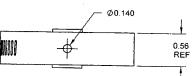
Folio

DART AEROSPACE PART NUMBER JOHN CAMERON AVIATION PART NUMBER D4027-3 REF JCA-M47-2-35



С





UNCONT SUBJ: 17 1 -1. 1. 13-04-24 13-04-24 v

D4027-3 HOSE CLAMP

D

C

NOTES:
1) MATERIAL: MADE FROM QS200M36S
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.05 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4027-3" AND B/N USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: 0.05 lbs
8) DRILL Ø0.140 HOLE AS SHOWN OPPOSITE WORM DRIVE SCREW, DIMPLE HOLE FROM INSIDE FOR MS24693S28 SCREW

DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN CHECKED DRAWING NO. REV. A D4027 MFG. APPR. SHEET 4 OF 7 APPROVED TITLE SCALE CLAMP DE APPR. NTS DATE COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS COCUMENT IS PRIVATE AND COMPOSITIAL AND IS SUPPLED ON THE EXPIRES CONDITION ON TO BE USED FOR ANY PURPOSE OR COMPOSITION COMMUNICATED TO ANY OTHER PERSONS TO BE USED FOR ANY PURPOSE OR COMPOSITION OF COMMUNICATED TO ANY OTHER PERSONS ON COMPOSITION OF COMPOSITION O 10.04.16

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Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

## **PURCHASE ORDER**

## Purchase Order ID PO19703

Purchase Order Date 4/25/13 PO Print Date 4/25/13

Page Number 1 of 2

Order From:

AVIALL

PO BOX 842275

DALLAS, TX 75284-2275

USA

Contact Name

Vendor Phone

905-676-1695

Vendor Fax

905-676-9046

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA

VU-AV1003

Line Nt	or Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable U	Req Qty/ nit of Measure	Ship Method	Unit Price	Extended Price
! [	NAS1149C0532R	WASHER	4/29/13 Yes	400.00 Each	FedEx PI collect	\$0.0400	\$16.00
2 N	NAS1149D0863J	WASHER	4/29/13 Yes	600.00 Each	FedEx PI collect	\$0.1500	\$90,00
3 M	1S21083C8	NUT	4/29/13 Yes	100.00 Each	FedEx PI collect	\$2.8000	\$280,00
; N.	AS1611-010	O-RING	4/29/13 Yes	500.00 Each	FedEx Pl collect	\$0.6000	\$300,00
20	0-36S	Hose Clamp	4/29/13 Yes	10.00 Each	FedEx PI collect	\$2.5600	\$25.60
				/	/43/0/2	, _	

No substitution or deviation without consent. Certificate of Conformity or Material

Change Nbr:

Trange Date: 4/25/13

Certification required - YES



ORDER NUMBER: 0013444760-

**ORDER DATE:** 04/26/13

## INVOICE

SHIPMENT NBR:

7888996

PAGE: 2 DATE: 04/26/13

TIME: 19:11 EMP#: 22611

ORD TYP: RG

CURRENCY: USD

B 032028

DART AEROSPACE LTD 1270 ABERDEEN STREET

**CUSTOMER P.O.:** 19703

HAWKESBURY CANADA ON K6A 1K7

7888996

: |

H DART AEROSPACE LTD
P 1270 ABERDEEN STREET

HAWKESBURY

ON K6A 1K7

CANADA

08200

SHIP VIA: FED PIAM - COLLECT

AVIALL CENTRAL WAREHOUSE

P 2750 REGENT BLVD.

DFW AIRPORT

TX 75261-9048

R U.S.A.

м

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	иом	UNIT PRICE	EXTENDED UNIT PRICE
4	15	NAS1611-010 ORING: FLUOROCARBON, 80A	500	. 1	•	O EA	.60	300.00
		Schedule B: 4016.93.0000		ECC	N: 9A991.d			•
		LOT 0413616120 EA Country of Origin: U.S.A.	:	500	_			
5	28	20036S	10	10		0 EA	2.56	25.60
		CLAMP: LOOP, HOSE, SS Schedule B: 7326.90.8595		ECC	N: 9A991.d			
,	_	LOT 0113448106 EA Country of Origin: U.S.A.		10				i
		36S HOSE CLAMP AERO SEAL S /16-2-3/4						
•	10P							∜ 
***	The	se commodities, technologi	es, or soft	ware were ex	ported from	the Unit	ed ***	
***	Sta	tes in accordance with the	Export Adm					•

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mill Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall. Com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

NSHR. 0

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL

AV18 R5-06

JR Hofmann, Director, Quality Assurance & Training

Date